



ROTATING MECHANISM OF BIAXIAL HINGE AND  
PORTABLE TELEPHONE EQUIPPED WITH SAME

ABSTRACT

A biaxial hinge having a rotating mechanism that realizes durability, a good tactile feedback, smaller size and more lightweight is provided for use in a notebook computer or a portable telephone that needs to be smaller and more lightweight.

—The biaxial hinge is constituted such that a rotating shaft support member 9—is fixed to a rotation rotational shaft support member—10, a rotation-side member 7—is inserted and attached to the outer periphery of the rotating shaft member 9, and an opening/ closing torque unit mechanism 12—for opening and closing operations is disposed at the rotation-side member—7, wherein sliding friction torque and click torque are generated by the load produced by a coil spring 6 between pressing members 4—and the rotating shaft support member 10—or a sliding member 3—attached to the rotating shaft member—9. The rotating mechanism of the biaxial hinge of the present invention affords good durability, a good tactile feedback, and a reduction in size and weight. And, this rotating mechanism is applied to a portable telephone.